REMARKS/ARGUMENTS

Claim Amendments

The Applicant has amended claims 1, 2, 4-6, 8-10, 12-15, 17, 19-26, 28, and 33-36; claims 3, 7, 16, 18, 27 and 29-32 have been canceled. Claims 37 and 38 have been added. Applicant respectfully submits no new matter has been added. Accordingly, claims 1-2, 4-15, 17, 19-26, 28, and 33-38 are pending in the application. Favorable reconsideration of the application is respectfully requested in view of the foregoing amendments and the following remarks.

Examiner Objections - Claims

Claim 34 is objected to as to being in improper form because a claim cannot depend on itself. The improper form has been corrected.

Claim Rejections – 35 U.S.C. § 112

Claims 27-31 stand rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter as the invention. Claims 27 and 29-31 have been canceled and claim 28 has been amended to direct the limitations to that of the server in claim 14.

Claim Rejections – 35 U.S.C. § 102(b)

Claims 1-9 and 14-15 and 17-32 stand rejected under 35 U.S.C. 102(b) as being anticipated by Elgamal (US 5,671,279). The Applicants have cancelled claims 3, 7, 18, 27 and 29-32 rendering the rejection of that claim moot. The Applicants respectfully traverse the rejection of the remaining claims.

Independent claims 1, 14 and 25 have been amended to distinguish the Applicant's invention over the Elgamal reference. Elgamal appears to disclose a method for the authorization of transactions. However, Elgamal's method is adapted to fixed networks in which the transmission of large amounts of data is possible (Col.7, lines I-45 and col. 8, lines I-17).

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The Applicant respectfully directs the Examiner's attention to amended independent claim 1.

> 1. (Currently Amended) A method for authorizing transactions in a communication system, wherein a user equipment (UE) comprising a mobile phone receives an authorization request for a content which is to be authorized with an identifier of a transaction and wherein the UE replies to the request with an authorization response, said method comprising the steps of:
>
> calculating the identifier from the content;
>
> transmitting the authorization request with the identifier to the UE
>
> receiving the authorization request,
>
> determining whether the authorization request comprises a string wherein an indication is the string or a default string identifying the content in a form understandable by the user;
>
> selecting the string or the default string as the indication,
>
> output of the indication by the user equipment (UE),
>
> waiting for an input to approve or disapprove the authorization request,
>
> signing the identifier using a signing function, and
>
> sending the authorization response according to the input, wherein an approving authorization response comprises the signed identifier. (emphasis added)

The Applicant respectfully submits that the Elgamal reference does not disclose (directly or inherently) the emphasized features present in claim 1 (similar features can be found in independent claims 14 and 25:

The Applicant's invention, as currently claimed, discloses a method for the authorization of transactions, which is adapted to a wireless network with low data transfer rates (p. 3, para. 3 and 4). An identifier for an authorization request that will be sent to a user equipment (e.g., mobile phone) is calculated from a content to be authorized, i.e., a transaction. An identifier is determined, typically in binary data form, which is incomprehensible to a user. However, as the emphasized limitations disclose, an indication included in the authorization request (from a server) is determined and the indication is provided to the user equipment in a form that is understandable to the user, i.e., text display. Alternatively, a default string that is stored in the UE may represent the indication and the default string may be displayed instead. So, the Applicant's invention provides an understandable indication of the content that is represented by the

authorization request and the user may provide a signed authorization response upon reading the mobile phone display, for instance. (Figure 3, page 15 – page18)

Elgamal does not disclose the emphasized limitations of providing an indication of the authorization request that is understandable to the user. The portion of the Elgamal reference that is indicated to anticipate the indication of the authorization request (col. 9, line 61-67) indicates that the request is directed from the customer (mobile terminal in the Applicant's invention) to the merchant (server) and is concerned with a purchase order and payment instructions. This is the reverse of the Applicant's invention and the information provided by the customer in Elgamal to the merchant appears to have the potential of being large (items, total amount currency, etc.) On the other hand the Applicant's invention provides, for instance, a text "summary" of the authorization request from the server specifically because the receiver is a mobile terminal.

The Elgamal reference is cited for displaying the indication. The portion of Elgamal cited regarding indication display (col. 25, lines 44-51; col. 26, lines 13-21 and 64-65) discloses an offer message comprising "orderDesc" that describes the transaction. The term orderDesc is the contract between the Buyer and the merchant. "Order" is described as the data used as input to the hash function and the data that was displayed at the time a purchase was made (col. 26, lines 64 - 65). The indication of the Applicant's invention is a minimal, user understandable indication of the content of an authorization request, not the data for a purchase order. The Applicant respectfully requests the withdrawal of the rejection of claim 1

As between claim 1 and the Elgamal reference, the Applicant respectfully submits that amended independent claims 14 and 25 contain limitations analogous to those found in claim 1. For the above given reasons the Applicant respectfully submits that claims 14 and 25 are patentable over Elgamal. This being the case, claims 2, 4-6, 8-10, 12-15, 17, 19-26, and 28, which depend from the respective amended independent claims 1, 14 and 25 contain the same limitations. The Applicant respectfully requests the withdrawal of claims 1-15 and 17-26.

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Claim Rejections – 35 U.S.C. § 103 (a)

Claims 10-13 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Elgamal in view of "WMLScript Crypto Library" (WMLScript). The Applicant has amended claim 1 to better define the intended scope of the claimed invention. Amended claim 1 now contains elements not found in the Elgamal reference; I.e., mobile phone and displaying an indication of an authorization request understandable to a user. The indication may also be provided to the UE using the vibrating mode of the mobile terminal (the subject of claims 37-38; see page 3, bottom of paragraph 3)

The WMLScript reference is cited for a server sending an authorization request after receiving a message from a further entity. However, the WMLScript reference does not supply the elements missing from the Elgamal reference. Claims 10-13 depend from amended claim 1 and recite further limitations in combination with the novel elements of amended independent claim 1 as discussed above. The Applicant respectfully requests the withdrawal of the rejection of claims 10-13.

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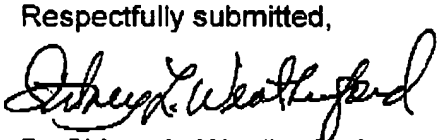
CONCLUSION

In view of the foregoing remarks, the Applicant believes all of the claims currently pending in the Application to be in a condition for allowance. The Applicant, therefore, respectfully requests that the Examiner withdraw all rejections and issue a Notice of Allowance for all pending claims.

The Applicant requests a telephonic interview if the Examiner has any questions or requires any additional information that would further or expedite the prosecution of the Application.

Respectfully submitted,



By Sidney L. Weatherford
Registration No. 45,602

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Ericsson Inc.
6300 Legacy Drive, M/S EVR 1-C-11
Plano, Texas 75024

(972) 583-8656
sidney.weatherford@ericsson.com

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